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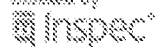
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1. WWW-based high performance computing support of acoustic matched field processing  
Gever, D.H.; Fabozzi, D.J., II;  
[OCEANS, 2001. MTS/IEEE Conference and Exhibition](#)  
Volume 4, 5-8 Nov. 2001 Page(s):2541 - 2548 vol.4  
Digital Object Identifier 10.1109/OCEANS.2001.968401  
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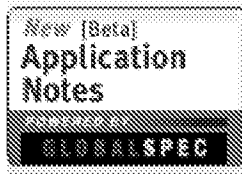
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IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
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1. An analysis of the home PNA collision resolution mechanism  
Kangude, S.; Copeland, J.; Sherman, M.;  
[Local Computer Networks, 2003. LCN '03. Proceedings. 28th Annual IEEE International Conferer](#)  
20-24 Oct. 2003 Page(s):250 - 259  
Digital Object Identifier 10.1109/LCN.2003.1243134  
[AbstractPlus](#) | Full Text: [PDF](#)(307 KB) [IEEE CNF](#)  
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2. Receiver architectures for HomePNA 2.0  
Bisaglia, P.; Castle, R.J.;  
[Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE](#)  
Volume 6, 25-29 Nov. 2001 Page(s):3723 - 3727 vol.6  
Digital Object Identifier 10.1109/GLOCOM.2001.966376  
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### 1 [Focus on the MultiTech MultiVOIP gateway](#)

Gilbert Held

 July 2000 International Journal of Network Management, Volume 10  
 Issue 4

Publisher: John Wiley &amp; Sons, Inc.

 Full text available: pdf(599.69 KB) Additional Information: [full citation](#), [index terms](#)

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### 2 [Fourth-factor authentication: somebody you know](#)


 John Brainard, Ari Juels, Ronald L. Rivest, Michael Szydlo, Moti Yung  
 October 2006 CCS '06: Proceedings of the 13th ACM conference on  
 Computer and communications security

Publisher: ACM

 Full text available: pdf(372.40 KB) Additional Information: [full citation](#), [abstract](#),  
[references](#), [index terms](#)

User authentication in computing systems traditionally depends on three factors: something you have (e.g., a hardware token), something you are (e.g., a fingerprint), and something you know (e.g., a password). In this paper, we explore a fourth factor, ...

Keywords: authentication, hardware tokens, vouchers

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### 3 [Cryptography as an operating system service: A case study](#)


 Angelos D. Keromytis, Jason L. Wright, Theo De Raadt, Matthew Burnside  
 February 2006 ACM Transactions on Computer Systems (TOCS), Volume  
 24 Issue 1

Publisher: ACM

 Full text available: pdf(669.12 KB) Additional Information: [full citation](#), [abstract](#),  
[references](#), [index terms](#),  
[review](#)

Cryptographic transformations are a fundamental building block in many security applications and protocols. To improve performance, several vendors market hardware accelerator cards. However, until now no operating system provided a mechanism that allowed ...

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Keywords: Encryption, authentication, cryptographic protocols, digital signatures, hash functions

#### 4 [Terra: a virtual machine-based platform for trusted computing](#)



Tal Garfinkel, Ben Pfaff, Jim Chow, Mendel Rosenblum, Dan Boneh

October 2003 SOSP '03: Proceedings of the nineteenth ACM symposium on Operating systems principles

Publisher: ACM

Full text available: [pdf\(140.31 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We present a flexible architecture for trusted computing, called Terra, that allows applications with a wide range of security requirements to run simultaneously on commodity hardware. Applications on Terra enjoy the semantics of running on a separate, ...

Keywords: VMM, attestation, authentication, trusted computing, virtual machine, virtual machine monitor

#### 5 [Terra: a virtual machine-based platform for trusted computing](#)



Tal Garfinkel, Ben Pfaff, Jim Chow, Mendel Rosenblum, Dan Boneh

December 2003 ACM SIGOPS Operating Systems Review, Volume 37 Issue 5

Publisher: ACM

Full text available: [pdf\(140.31 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We present a flexible architecture for trusted computing, called Terra, that allows applications with a wide range of security requirements to run simultaneously on commodity hardware. Applications on Terra enjoy the semantics of running on a separate, ...

Keywords: VMM, attestation, authentication, trusted computing, virtual machine, virtual machine monitor

#### 6 [On interdomain routing security and pretty secure BGP \(psBGP\)](#)



P.C. van Oorschot, Tao Wan, Evangelos Kranakis

July 2007 ACM Transactions on Information and System Security (TISSEC), Volume 10 Issue 3


Publisher: ACM


Full text available: [pdf\(469.49 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

It is well known that the Border Gateway Protocol (BGP), the IETF standard interdomain routing protocol, is vulnerable to a variety of attacks, and that a single misconfigured or malicious BGP speaker could result in large-scale service disruption. In ...

Keywords: BGP, authentication, certificates, interdomain routing, public-key infrastructure, secure routing protocols, trust

7 [Making computers disappear: appliance data services](#)

 Andrew C. Huang, Benjamin C. Ling, John Barton, Armando Fox  
 July 2001 MobiCom '01: Proceedings of the 7th annual international  
 conference on Mobile computing and networking  
 Publisher: ACM

Full text available:  [pdf\(691.57 KB\)](#) Additional Information: [full citation](#), [abstract](#),  
[references](#), [cited by](#), [index terms](#)

Digital appliances designed to simplify everyday tasks are readily available to end consumers. For example, mobile users can retrieve Web content using handheld devices since content retrieval is well-supported by infrastructure services such as transformational ...

8 [Enhancing access to research data: the challenge of crystallography](#)


 Monica Duke, Michael Day, Rachel Heery, Leslie A. Carr, Simon J. Coles  
 June 2005 JCDL '05: Proceedings of the 5th ACM/IEEE-CS joint conference  
 on Digital libraries  
 Publisher: ACM

Full text available:  [pdf\(381.24 KB\)](#) Additional Information: [full citation](#), [abstract](#),  
[references](#), [index terms](#)

This paper describes an ongoing collaborative effort across digital library and scientific communities in the UK to improve access to research data. A prototype demonstrator service supporting the discovery and retrieval of detailed results of crystallography ...

Keyw ords: Eprints.org, OAI-PMH, crystallography, dublin core, institutional repositories, metadata, scholarly communication

9 [Personalizable edge services for web accessibility](#)


 Gennaro Iaccarino, Delfina Malandrino, Vittorio Scarano  
 May 2006 W4A: Proceedings of the 2006 international cross-disciplinary  
 workshop on Web accessibility (W4A): Building the mobile web:  
 rediscovering accessibility?  
 Publisher: ACM

Full text available:  [pdf\(601.30 KB\)](#) Additional Information: [full citation](#), [abstract](#),  
[references](#), [index terms](#)

Web Content Accessibility guidelines by W3C [29] provide several suggestions for Web designers on how to author Web pages in order to make them accessible to everyone. In this context, we are proposing the use of edge services as an efficient and general ...

Keyw ords: disability, programmable edge servers, universal access, web accessibility

10 [SmartSiren: virus detection and alert for smartphones](#)

 Jerry Cheng, Starsky H.Y. Wong, Hao Yang, Songwu Lu  
 June 2007 MobiSys '07: Proceedings of the 5th international conference on  
 Mobile systems, applications and services  
 Publisher: ACM

Additional Information: [full citation](#), [abstract](#),

Full text available:  [pdf\(534.00 KB\)](#)

[references](#), [index terms](#)

Smartphones have recently become increasingly popular because they provide "all-in-one" convenience by integrating traditional mobile phones with handheld computing devices. However, the flexibility of running third-party softwares also leaves the smartphones ...

Keywords: alert, privacy, security, smartphone, virus detection

# 11 [Do text transcoders improve usability for disabled users?](#)



Giorgio Brajnik, Daniela Cancila, Daniela Nicoli, Mery Pignatelli  
May 2005 W4A '05: Proceedings of the 2005 International Cross-Disciplinary Workshop on Web Accessibility (W4A)

Publisher: ACM

Full text available:  [pdf\(244.75 KB\)](#) Additional Information: [full citation](#), [abstract](#),  
[references](#)


Text transcoders are web--server systems that produce, on the fly, a text-only version of a web page requested by a user of a browser. Although the potential benefits of text transcoders axe multifaceted and discussions on appropriateness of text transcoders ...

# 12 [A secure multicast protocol with copyright protection](#)



Hao-hua Chu, Lintian Qiao, Klara Nahrstedt, Hua Wang, Ritesh Jain  
April 2002 ACM SIGCOMM Computer Communication Review, Volume 32  
Issue 2

Publisher: ACM

Full text available:  [pdf\(301.97 KB\)](#) Additional Information: [full citation](#), [abstract](#),  
[references](#), [cited by](#), [index terms](#)


We present a simple, efficient, and secure multicast protocol with copyright protection in an open and insecure network environment. There is a wide variety of multimedia applications that can benefit from using our secure multicast protocol, e.g., the ...

Keywords: copyright protection, key distribution, multicast security, watermark

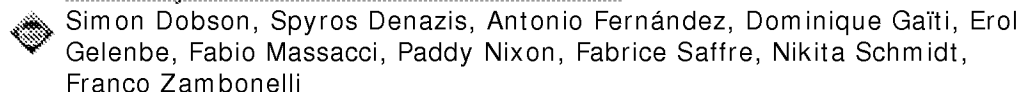
# 13 [The Tool Dæmon Protocol \(TDP\)](#)

Barton Miller, Ana Cortes, Miquel A. Senar, Miron Livny  
November 2003 SC '03: Proceedings of the 2003 ACM/IEEE conference on Supercomputing

Publisher: IEEE Computer Society

Full text available:  [pdf\(809.57 KB\)](#) Additional Information: [full citation](#), [abstract](#),  
[references](#), [cited by](#)

Run-time tools are crucial to program development. In our desktop computer environments, we take for granted the availability of tools for operations such as debugging, profiling, tracing, checkpointing, and visualization. When programs move into distributed ...

14 [A survey of autonomic communications](#)

Simon Dobson, Spyros Denazis, Antonio Fernández, Dominique Gaïti, Erol Gelenbe, Fabio Massacci, Paddy Nixon, Fabrice Saffre, Nikita Schmidt, Franco Zambonelli

December 2006 ACM Transactions on Autonomous and Adaptive Systems (TAAS), Volume 1 Issue 2

Publisher: ACM

Full text available: pdf(300.86 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Autonomic communications seek to improve the ability of network and services to cope with unpredicted change, including changes in topology, load, task, the physical and logical characteristics of the networks that can be accessed, and so forth. Broad-ranging ...

Keyw ords: Autonomic communication

15 [Implementation and experience with the terminal registration system with web interface](#)

Naomi Fujimura, Zen-ichi Hirayama, Tatsuya Oka, Masato Komori  
November 2006 SI GUCCS '06: Proceedings of the 34th annual ACM SIGUCCS conference on User services

Publisher: ACM

Full text available: pdf(691.49 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The cost of operation and management are growing rapidly in proportion to the increase of the number of network terminals connected to the network. We hope to improve the quality of network service, but it is difficult because of reasons such as manpower ...

Keyw ords: DHCP, networking, personal computing, static IP address, system configuration, terminal registration, web-based

16 [A mechanism for host mobility management supporting application awareness](#)

Arjan Peddemors, Hans Zandbelt, Mortaza Bargh  
June 2004 MobiSys '04: Proceedings of the 2nd international conference on Mobile systems, applications, and services

Publisher: ACM

Full text available: pdf(499.48 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


Many approaches exist today that address the issues that arise when a mobile node changes its point(s) of attachment to the Internet. Mobile IP takes care of host mobility at the IP layer; others at the transport layer (Mobile SCTP) or at the application ...

Keyw ords: application awareness, host mobility, mobility management

17 [Satchel: providing access to any document, any time, anywhere](#)

Mik Lamming, Marge Eldridge, Mike Flynn, Chris Jones, David Pendlebury  
September 2000 ACM Transactions on Computer-Human Interaction (TOCHI), Volume 7 Issue 3

Publisher: ACM

Full text available:  pdf(591.29 KB) Additional Information: [full citation](#), [abstract](#),  
[references](#), [cited by](#), [index terms](#)

Current solutions for providing access to electronic documents while away from the office do not meet the special needs of mobile document workers. We describe "Satchel," a system that is designed specifically to support the distinctive features ...

Keyw ords: document access, document appliance, document processing, information appliance, mobile computing, mobile work


## 18 [The session token protocol for forensics and traceback](#)



Brian Carrier, Clay Shields

August 2004 ACM Transactions on Information and System Security (TI SSEC), Volume 7 Issue 3

Publisher: ACM

Full text available:  pdf(331.16 KB) Additional Information: [full citation](#), [abstract](#),  
[references](#), [index terms](#)

In this paper we present the Session Token Protocol (STOP), a new protocol that can assist in the forensic analysis of a computer involved in malicious network activity. It has been designed to help automate the process of tracing attackers who log on ...


Keyw ords: Digital forensics, TCP traceback, auditing and intrusion detection, digital investigations, privacy

## 19 [Going wireless. enabling an adaptive and extensible environment](#)

Theo G. Kanter

February 2003 Mobile Networks and Applications, Volume 8 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  pdf(483.21 KB) Additional Information: [full citation](#), [abstract](#),  
[references](#), [index terms](#)

This paper discusses limitations in existing and projected solutions for delivering applications to mobile users (e.g., in 3G) in an increasingly diverse heterogeneous wireless infrastructure in combination with the on-going deregulation of mobile communication ...

Keyw ords: agents, context, scalability, service, wireless


## 20 [CrossFlow: integrating workflow management and electronic commerce](#)



Y. Hoffner, H. Ludwig, P. Grefen, K. Aberer

December 2000 ACM SIGecom Exchanges, Volume 2 Issue 1

Publisher: ACM

Full text available:  pdf(79.63 KB) Additional Information: [full citation](#), [abstract](#),  
[references](#), [cited by](#), [index terms](#)

The CrossFlow architecture provides support for cross-organisational workflow management in dynamically established virtual enterprises. The creation of a business relationship between a service provider



organisation performing a service on behalf of ...

Keywords: contracts, dynamic business process outsourcing, dynamic infrastructure setup, electronic, electronic commerce, workflow management

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## 21 [Supporting virtual documents in just-in-time hypermedia systems](#)

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Li Zhang, Michael Bieber, David Millard, Vincent Oria

October 2004 DocEng '04: Proceedings of the 2004 ACM symposium on Document engineering

Publisher: ACM

Full text available: pdf(707.51 KB)

 Additional Information: [full citation](#), [abstract](#),  
[references](#), [index terms](#)

Many analytical or computational applications especially legacy systems create documents and display screens in response to user queries "dynamically" or in "real time". These "virtual documents" do not exist in advance and thus hypermedia features must ...

Keywords: dynamic hypermedia functionality, dynamic regeneration, integration architecture, just-in-time hypermedia, re-identification, re-location, virtual documents

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[www.ni.com](#)

## 22 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 CASCON '97: Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research

Publisher: IBM Press

Full text available: pdf(4.21 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#),  
[index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event ...

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## 23 [Laboratory experiments for network security instruction](#)



José Carlos Brustoloni

December 2006 Journal on Educational Resources in Computing (JERI C), Volume 6 Issue 4

Publisher: ACM

 Additional Information: [full citation](#), [abstract](#),

Full text available:  [pdf\(131.27 KB\)](#)

[references](#), [index terms](#)

We describe a sequence of five experiments on network security that cast students successively in the roles of computer user, programmer, and system administrator. Unlike experiments described in several previous papers, these experiments avoid placing ...

**Keywords:** Certificate, IPsec, SSH, SSL, VPN, certifying authority, course, dictionary attack, eavesdropping, education, experiment, fingerprinting, firewall, man-in-the-middle, password, port scanning, security

## 24 [Challenge: recombinant computing and the speakeasy approach](#)



W. Keith Edwards, Mark W. Newman, Jana Sedivy, Trevor Smith, Shahram Izadi

September 2002 MobiCom '02: Proceedings of the 8th annual international conference on Mobile computing and networking

Publisher: ACM

Full text available:  [pdf\(297.46 KB\)](#)

Additional Information: [full citation](#), [abstract](#),

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Interoperability among a group of devices, applications, and services is typically predicated on those entities having some degree of prior knowledge of each another. In general, they must be written to understand the type of thing with which they will ...

**Keywords:** mobile code, recombinant computing, serendipitous interoperability, speakeasy

## 25 [Protecting browsers from dns rebinding attacks](#)



Collin Jackson, Adam Barth, Andrew Bortz, Weidong Shao, Dan Boneh

October 2007 CCS '07: Proceedings of the 14th ACM conference on Computer and communications security

Publisher: ACM

Full text available:  [pdf\(1.32 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

DNS rebinding attacks subvert the same-origin policy of browsers and convert them into open network proxies. We survey new DNS rebinding attacks that exploit the interaction between browsers and their plug-ins, such as Flash and Java. These attacks can ...

**Keywords:** click fraud, dns, firewall, same-origin policy, spam

## 26 [L2imbo: a distributed systems platform for mobile computing](#)

Nigel Davies, Adrian Friday, Stephen P. Wade, Gordon S. Blair

August 1998 Mobile Networks and Applications, Volume 3 Issue 2

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(403.96 KB\)](#)

Additional Information: [full citation](#), [abstract](#),

[references](#), [cited by](#), [index terms](#), [review](#)

Mobile computing environments increasingly consist of a range of supporting technologies offering a diverse set of capabilities to

applications and end-systems. Such environments are characterised by sudden and dramatic changes in the quality-of-service ...

## 27 People-centric urban sensing



Andrew T. Campbell, Shane B. Eisenman, Nicholas D. Lane, Emiliano Miluzzo, Ronald A. Peterson

August 2006 WICON '06: Proceedings of the 2nd annual international workshop on Wireless internet

Publisher: ACM

Full text available: [pdf\(249.73 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The vast majority of advances in sensor network research over the last five years have focused on the development of a series of small-scale (100s of nodes) testbeds and specialized applications (e.g., environmental monitoring, etc.) that are built on ...

Keywords: mobile wireless sensor networks, people-centric, urban sensing

## 28 Wireless course management system



Vladimir Zanev, Rodney Clark

March 2005 ACM-SE 43: Proceedings of the 43rd annual Southeast regional conference - Volume 2, Volume 2

Publisher: ACM

Full text available: [pdf\(556.46 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Wireless devices, such as smart phones and PDAs, are increasing in popularity due to the advantage of enhanced mobility and availability. In spite of the high increase in the availability of mobile devices, most of the wireless applications are in such ...

Keywords: ASP.NET, C# server-side programming, PDAs, WML, development, smart phones, wireless application development, wireless course management system, wireless information access, wireless laptops

## 29 Core services in the architecture of the national science digital library (NSDL)



Carl Lagoze, William Arms, Stoney Gan, Diane Hillmann, Christopher Ingram, Dean Krafft, Richard Marisa, Jon Phipps, John Saylor, Carol Terrizzi, Walter Hoehn, David Millman, James Allan, Sergio Guzman-Lara, Tom Kalt  
July 2002 JCDL '02: Proceedings of the 2nd ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM

Full text available: [pdf\(940.66 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We describe the core components of the architecture for the National Science Digital Library (NSDL). Over time the NSDL will include heterogeneous users, content, and services. To accommodate this, a

design for a technical and organization infrastructure ...

Keywords: architecture, interoperability, metadata, testbeds

### 30 [Mobile media: making it a reality](#)



Fred Kitson

May 2005 Queue, Volume 3 Issue 4

Publisher: ACM

Additional Information: [full citation](#),

Full text available: [pdf\(528.08 KB\)](#) [html\(31.52 KB\)](#)

[abstract](#),  
[references](#),  
[index terms](#)

Two prototype apps reveal the challenges in delivering mobile media services.

### 31 [Middleware Support for Context-Awareness in 4G Environments](#)

Thomas Springer, Kay Kadner, Frank Steuer, Ming Yin

June 2006 WOWMOM '06: Proceedings of the 2006 International

Symposium on on World of Wireless, Mobile and Multimedia Networks

Publisher: IEEE Computer Society

Full text available: [pdf\(598.72 KB\)](#)

Additional Information: [full citation](#), [abstract](#),

[references](#), [index terms](#)

Context-awareness is a key technology for adaptive software systems. While past and recent research effort investigated the gathering of low-level information, implementation- and domain-driven approaches for context frameworks and conceptual models ...

### 32 [Focus on the Asanté FriendlyNet VR2004 series VPN security router](#)

Gilbert Held

November 2003 International Journal of Network Management, Volume 13 Issue 6

Publisher: John Wiley & Sons, Inc.

Full text available: [pdf\(233.16 KB\)](#) Additional Information: [full citation](#), [index terms](#)

### 33 [The transport layer: tutorial and survey](#)



Sami Iren, Paul D. Amer, Phillip T. Conrad

December 1999 ACM Computing Surveys (CSUR), Volume 31 Issue 4

Publisher: ACM

Additional Information: [full citation](#), [abstract](#),

Full text available: [pdf\(261.78 KB\)](#)

[references](#), [cited by](#), [index terms](#)

Transport layer protocols provide for end-to-end communication between two or more hosts. This paper presents a tutorial on transport layer concepts and terminology, and a survey of transport layer services and protocols. The transport layer protocol ...

Keyw ords: TCP/IP networks, congestion control, flow control, transport protocol, transport service

### 34 Astrolabe: A robust and scalable technology for distributed system



#### monitoring, management, and data mining

Robbert Van Renesse, Kenneth P. Birman, Werner Vogels

May 2003 ACM Transactions on Computer Systems (TOCS), Volume 21

Issue 2

Publisher: ACM

Additional Information: [full citation](#), [abstract](#),

Full text available: [pdf\(341.62 KB\)](#)

[references](#), [cited by](#), [index terms](#)

Scalable management and self-organizational capabilities are emerging as central requirements for a generation of large-scale, highly dynamic, distributed applications. We have developed an entirely new distributed information management system called Astrolabe. ...

Keyw ords: Aggregation, epidemic protocols, failure detection, gossip, membership, publish-subscribe, scalability

### 35 AwareDAV: a generic WebDAV notification framework and



#### implementation

Henning Qin Jehøj, Niels Olof Bouvin, Kaj Grønbæk

May 2005 WWW '05: Proceedings of the 14th international conference on World Wide Web

Publisher: ACM

Full text available: [pdf\(409.29 KB\)](#)

Additional Information: [full citation](#), [abstract](#),

[references](#), [index terms](#), [review](#)

WebDAV needs awareness support in order to be a full-fledged collaboration system. This paper introduces AwareDAV, a new WebDAV extension framework enabling shared awareness through event notification. By extending the WebDAV protocol with seven new ...

Keyw ords: AwareDAV, CSCW, WebDAV, event notification

### 36 The value of handhelds in smart environments

Frank Siegemund, Christian Floerkemeier, Harald Vogt

March 2005 Personal and Ubiquitous Computing, Volume 9 Issue 2

Publisher: Springer-Verlag

Full text available: [pdf\(545.45 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

The severe resource restrictions of computer-augmented everyday artifacts imply substantial problems for the design of applications in smart environments. Some of these problems can be overcome by exploiting the resources, I/O interfaces, and computing ...


Keyw ords: Cooperation, Device integration, Handheld devices, Mobile phones, Smart environments, Smart everyday objects

### 37

#### A composable framework for secure multi-modal access to internet

services from Post-PC devices

Steven J. Ross, Jason L. Hill, Michael Y. Chen, Anthony D. Joseph, David E. Culler, Eric A. Brewer  
 October 2002 *Mobile Networks and Applications*, Volume 7 Issue 5  
 Publisher: Kluwer Academic Publishers


Full text available:  pdf(340.33 KB) Additional Information: [full citation](#), [abstract](#),  
[references](#), [cited by](#), [index terms](#), [review](#)

The Post-PC revolution is bringing information access to a wide range of devices beyond the desktop, such as public kiosks, and mobile devices like cellular telephones, PDAs, and voice based vehicle telematics. However, existing deployed Internet services ...

Keyw ords: internet, middleware, post-PC, security, transcoding

38 Role-based access control on the web

 Joon S. Park, Ravi Sandhu, Gail-Joon Ahn  
 February 2001 *ACM Transactions on Information and System Security*  
 (TISSEC), Volume 4 Issue 1  
 Publisher: ACM

Full text available:  pdf(331.03 KB) Additional Information: [full citation](#), [abstract](#),  
[references](#), [cited by](#), [index terms](#), [review](#)

Current approaches to access control on the Web servers do not scale to enterprise-wide systems because they are mostly based on individual user identities. Hence we were motivated by the need to manage and enforce the strong and efficient RBAC access ...

Keyw ords: WWW security, cookies, digital certificates, role-based access control


39 Hardware spotlight: working with the Proxim ORiNOCO AP-700


Gilbert Held  
 May 2006 *International Journal of Network Management*, Volume 16 Issue 3  
 Publisher: John Wiley & Sons, Inc.

Full text available:  pdf(608.61 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Many years ago when Lucent Technologies began to experience Financial difficulties it spun off its commercial wireless products under the Agere Systems umbrella. As part of the evolution of Agere Systems towards a focus on optoelectric components and ...

40 tranSticks: physically manipulatable virtual connections

 Yuji Ayatsuka, Jun Rekimoto  
 April 2005 CHI '05: Proceedings of the SIGCHI conference on Human factors in computing systems  
 Publisher: ACM

Full text available:  pdf(579.25 KB) Additional Information: [full citation](#), [abstract](#),  
[references](#), [index terms](#)

A virtually connected medium called *tranStick* is described that functions both as a "virtual wire" and as a "memory card" containing a shared space. A user can connect two networked devices by simply placing one of a pair of tranSticks with the ...

Keywords: connection control, tangible user interface

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